

NSA Declassification/Release
Instructions on File

25X1

S A I R R file

**TOP SECRET
SECRET****CENTRAL INTELLIGENCE AGENCY
CODEWORD ROUTING SHEET**

TO		INITIALS	DATE
1	Chief, D/R	<i>gah</i>	18 Feb
2	Chief, ERA	<i>era</i>	18 Feb
3	St/PR	<i>prn</i>	18 Feb,
4	St/P/C		
5			
6			
FROM		INITIALS	DATE
1	Chief, R/MM	<i>HHL</i>	17 Feb
2			
3			

☐ Approval ☐ Information ☐ Signature
☐ Action ☐ Direct Reply ☐ Return
☐ Comment ☐ Preparation of Reply ☐ Dispatch
☐ Concurrence ☐ Recommendation ☐ File

REMARKS:

In response to attached memo of 5 Feb. 64.

To OCS for review of NFD material
 20 Feb - approved 4 March 1964.
 Retyped + taken to [] for []

25X1

25X1

[] 5 March 64.
 GROUP 1
 Excluded from automatic downgrading
 and declassification

APPENDED DOCUMENT CONTAINS CODEWORD MATERIAL

Appended document contains classified information within
 the meaning of Section 798, Title 18, United States Code.

**TOP SECRET
SECRET**

50602 2

SECRET

5 MAR 1964

25X1



In response to your letter 80/30/67, dated 5 February 1964, I am enclosing comments on nickel smelting capacity in Communist China. These comments were prepared in OPR's Metals and Minerals Branch and are for your transmittal to Canberra.

Sincerely,



25X1

Enclosure:

Nickel Smelting Capacity in Communist China - 2 copies

Distribution:

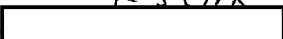
Orig & 1 - Addressee (with encls)

1 - St/P/C

1 - CH/E + St/CS

1 - SA/KK

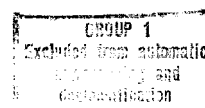
1 - ST/CK

OAD/RR:  mee/5021 25 Feb 64

25X1

THE ATTACHED MATERIAL CONTAINS
CODE WORD MATERIAL

SECRET



SC #02390/64

~~TOP SECRET DINAR~~

~~NO FOREIGN DISSEM~~

5 MAR 1961

R/M
8-1165

13 Feb 61

Nickel Smelting Capacity in Communist China

1. Known resources of nickel in Communist China are limited to small deposits of low grade ore found principally in Szechwan, Tsinghai and Yunnan provinces. [redacted] indicated some mining activity was underway at these deposits and that the Communists constructed three and possibly four small nickel smelters located at or near Haili and Chengtu (Szechwan), Tu-chai-tan (Tsinghai), and Mo-chiang (Yunnan).

25X1

& NSA
25X1D

2. Limited information indicated annual capacity of the 3-4 small smelters probably totals about 2,000 tons annually. There is considerable evidence, however, that output has never amounted to more than a small portion of capacity because of technological difficulties at the smelters and transportation problems at the mines.

25X1

& NSA 25X1D

3. [redacted] most of the low-grade matte produced at these smelters was shipped either to [redacted] Chungking or to the Shanghai Metallurgical Works for refining.

25X1

4. China has been chronically short of nickel as indicated both by known imports of refined nickel and nickel oxide sinter shown in Table I attached, and by the high priority given by the Ministry of Metallurgical Industry to research directed toward the development of tungsten, molybdenum and silicon steels and the restriction of requirements for such deficient metals as nickel, chrome and cobalt.

~~TOP SECRET DINAR~~
~~NO FOREIGN DISSEM~~

GROUP 1
Excluded from automatic
downgrading and
declassification

TOP SECRET
NO FOREIGN DISSEM

TAB: I

Known Communist Chinese Imports of Nickel, 1960-63 a/

<u>Exporting Country</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>Metric Tons</u> <u>1963</u>
Total	3849	4695	5392	5477
USSR	113	76	800	1000
Cuba	0	4410	4500	4400
France	615	NA	32	NA
West Germany	1542	NA	15	NA
UK	226	80	17	NA
Canada	472	21	0	77
Hongkong	685	30	NA	NA
Sweden	121	78	28	NA
Belgium	56	NA	NA	NA
Netherlands	19	NA	NA	NA

a/ Refined nickel and nickel oxide winter expressed in terms of metal content.

TOP SECRET
NO FOREIGN DISSEM

Page Denied

Next 1 Page(s) In Document Denied

TOP SECRET

SC-04719-64

Chief, ST/P/ER

3 March 1964

Chief, SDS/DD/OCR

25X1 & NSA 25X9

Release of Controlled Information [REDACTED]

1. Reference is made to your memorandum, subject as above, SC No. 02377/64, dated 20 February 1964.

2. The originating office has no objection to the release of the information taken from the [REDACTED] material cited in and as used in the attached article [REDACTED] 25X1 & NSA 25X9

3. Permission to release the information is contingent upon the observance of the condition stated in par. 2 of referenced memorandum.

4. Your article on Communist Chinese nickel smelting capacity is returned herewith as requested.

25X1

[REDACTED]

Attach:
A/B

THE ATTACHED DOCUMENT CONTAINS
CODE WORD MATERIAL

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification